

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"5116330".pn.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/06/21 14:46
S2	999	73/863.71.ccls. or 73/863.86.ccls. or 73/864.63.ccls.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/06/21 15:10
S3	608	S2 and valve	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/06/21 14:48
S4	409	S3 AND seal\$3	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/06/21 14:49
S5	18	S3 AND self near2 seal\$3	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/06/21 17:00

## EAST Search History

S6	2	S3 AND selfseal\$3	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/06/21 14:49
S7	18	S5 or S6	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/06/21 14:49
S8	232	73/863.71.ccls.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/06/21 14:51
S9	163	S8 and valve	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/06/21 14:52
S10	0	("2004/0099068").URPN.	USPAT	OR	ON	2007/06/21 14:52
S11	0	("2004/0099068").URPN.	USPAT	OR	ON	2007/06/21 14:53
S12	0	("2004/0099068").URPN.	USPAT	OR	ON	2007/06/21 14:53

## EAST Search History

S13	796	73/863.86.ccls. or 73/864.63.ccls.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/06/21 15:10
S14	381	73/864.63.ccls.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/06/21 16:55
S15	193	S14 and valve	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/06/21 15:13
S16	146	S15 and seal\$3	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/06/21 16:16
S17	63	sampl\$3 and valve near4 plunger and rolled	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/06/21 16:24

## EAST Search History

S18	514	sampl\$3 same valve near4 plunger	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/06/21 16:25
S19	110	S18 and first near2 valve and second near2 valve	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/06/21 16:25
S20	65	S19 and sampl\$3.ab.ti.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/06/21 16:26
S21	0	("2004/0123679").URPN.	USPAT	OR	ON	2007/06/21 16:27
S22	47	S15 not S16	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/06/21 16:56